

10101-1

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Arthur W. Chester, et al.
Serial No. : 09/221,539
Filed : December 28, 1998
For : GASOLINE SULFUR REDUCTION IN FLUID
CATALYTIC CRACKING
Group Art Unit: : 1764
Examiner : N. Preisch

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Amendment

Assistant Commissioner of Patents
Washington, D.C. 20231



Sir:

Please amend this application as set out below.

In the claims

Amend claim 1 to read:

1. (Amended) A method of reducing the sulfur content of a catalytically cracked petroleum fraction, which comprises catalytically cracking a petroleum feed fraction containing organosulfur compounds at elevated temperature in the presence of a cracking catalyst and a product sulfur reduction catalyst which comprises a porous molecular sieve having (i) a first metal component which is within the interior pore structure of the molecular sieve and which comprises a non-lanthanide base metal in an oxidation state greater than zero and (ii) a second metal component which is within the interior pore structure of the molecular sieve and which comprises at least one rare earth, to produce liquid cracking products of reduced sulfur content.